

Topic: convert relation types from EAC-CPF 2010 to EAC-CPF 2.0

Tag Library EAC-CPF 2.0

<relationType>

Relation Type [\[toc\]](#)

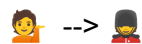
Summary: A child element of <relation> used to specify the type of relation that the entity being described within the EAC-CPF instance has to the <targetEntity>.

May contain: [text]

May occur within: [relation](#)

Description and Usage: Use <relationType> within <relation> to specify the type of relation that the entity being described has to the <targetEntity>.

The <relationType> element contains a textual description of the relation. It is recommended that the terms used in <relationType> be taken from an authorized vocabulary, which could furthermore be referenced using the optional attributes @valueURI, @vocabularySource, and @vocabularySourceURI.



cpf --> target entity

<targetRole>

Target Role [\[toc\]](#)

Summary: An optional child element of <relation> used to specify the role of a related entity towards the CPF entity being described.

May contain: [text]

May occur within: [relation](#)

Description and Usage: <targetRole> is used with <relation> to specify the role of a related entity towards the CPF entity being described.

The <targetRole> element contains a textual description of the relation. It is recommended that the terms in <targetRole> be taken from an authorized vocabulary, which could furthermore be referenced using the optional attributes @valueURI, @vocabularySource, and @vocabularySourceURI.

Element content

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Type of relation, replaces omitted attributes @cpfRelationType, @functionRelationType, @resourceRelationType with their fixed values. The type of a relation can be described with text or defined via URI.

CPF Relation Types: "identity" or "hierarchical" or "hierarchical-parent" or "hierarchical-child" or "temporal" or "temporal-earlier" or "temporal-later" or "family" or "associative"

Function Relation Types: "controls" or "owns" or "performs"

Resource Relation Types: "creatorOf" or "subjectOf" or "other"

Discussion & Decision

EAC-CPF meeting, 15 October 2021:

We agreed to provide content proposals for <relationType> in a conversion from EAC-CPF 2010 to EAC-CPF 2.0. The current values for the attributes @cpfRelationType, @resourceRelationType, @functionRelationType will be transferred to according RiC-Relation terms, incl. RiC-O URI. In case there is no appropriate RiC-Relation, we are going to copy the current term (value).

EAC-CPF meeting, 4 November 2021:

Agree on proposal in this document, see below.

Keep 'identity' and 'temporal' relationship types, change 'hierarchical' to 'hierarchy'.

Undecided whether to keep 'control' or change it to 'has or had authority over' (RiC-R036).





To be decided in December meeting.

EAC-CPF meeting, 3 December 2021:





Comments from team members agrees to change 'control' to 'has or had authority over' (RiC-R036).

Relation directions





[@cpfRelationType](#): The type of relation that the corporate body, person, or family has to the entity being described.

EAC-CPF 2010	EAC-CPF 2.0
 -->  target entity --> cpf	 -->  cpf --> target entity

[@functionRelationType](#): The type of relation that the entity being described has to the related function.

EAC-CPF 2010	EAC-CPF 2.0
 -->  cpf --> function	 -->  cpf --> target entity

[@resourceRelation](#): The type of relation of entity being described to the resource.

EAC-CPF 2010	EAC-CPF 2.0
 -->  cpf --> resource	 -->  cpf --> target entity

Conversion EAC-CPF 2010 - EAC-CPF 2.0

@vocabularySource="RiC-O"

@vocabularySourceURI="https://www.ica.org/standards/RiC/ontology"

cpf-/function-/resourceRelationType	<relationType>	@valueURI
identity	identity	
hierarchical	hierarchy	
hierarchical-parent	is child of (RiC-R018i)	https://www.ica.org/standards/RiC/ontology#isChildOf
hierarchical-child	has child (RiC-R018)	https://www.ica.org/standards/RiC/ontology#hasChild
temporal	temporal	
temporal-earlier	has ancestor (RiC-R017i)	https://www.ica.org/standards/RiC/ontology#hasAncestor
temporal-later	has descendant (RiC-R017)	https://www.ica.org/standards/RiC/ontology#hasDescendant
family	has family association with (RiC-R047)	https://www.ica.org/standards/RiC/ontology#hasFamilyAssociationWith

associative	is agent associated with agent (RiC-R044)	https://www.ica.org/standards/RiC/ontology#isAgentAssociatedWithAgent
controls	has or had authority over (RiC-R036)	https://www.ica.org/standards/RiC/ontology#hasOrHadAuthorityOver
owns	is or was owner of (RiC-R037)	https://www.ica.org/standards/RiC/ontology#isOrWasOwnerOf
performs	performs or performed (RiC-R060i)	https://www.ica.org/standards/RiC/ontology#performsOrPerformed
creatorOf	is creator of (RiC-R027i)	https://www.ica.org/standards/RiC/ontology#isCreatorOf
subjectOf	is or was subject of (RiC-R019i)	https://www.ica.org/standards/RiC/ontology#isOrWasSubjectOf
other	is related to (RiC-R001)	https://www.ica.org/standards/RiC/ontology#isRelatedTo